

CLAIMS

What is claimed is:

1 1. A method for remotely controlling audio/visual (A/V) devices within a
2 personal computer (PC), the method comprising the steps of:

3 (a) mapping each button on a remote control device to predetermined key codes;
4 and

5 (b) translating data signals from a selected button to device functions via the PC
6 based on the key codes to control operations of a plurality of A/V devices coupled to the
7 PC.
8

9 2. The method of claim 1 further comprising the step of:

10 (c) utilizing the look-up table to provide associations between the predetermined
11 key codes and the device functions.
12

1 3. The method of claim 2 wherein the utilizing of the look-up table step (c)
2 further comprises the step of (c1) providing a button mapping code in the PC.

1 4. The method of claim 2 wherein the device functions further comprises a
2 plurality of CD/DVD and TV/DVR functions.

1 5. A system for remotely controlling a plurality of audio/visual (A/V) devices
2 within a personal computer (PC), the system comprising:

3 a PC;
4 connection hardware coupled to the PC; and
5 a remote control device with selectable buttons for transmitting data signals
6 wirelessly to the connection hardware to access control of the plurality of A/V devices.

1 6. The system of claim 5 wherein the connection hardware further comprises a
2 tuner box.

10
2 7. The system of claim 5 wherein the connection hardware further comprises a
graphics board in the PC coupled to the tuner box.

1
2 8. The system of claim 5 further comprising an infrared port receiver in the
connection hardware to receive the data signals from the remote control device.

10
2 9. The system of claim 7 wherein the graphics board translates the data signals to
a button number.

1 10. The system of claim 5 further comprising an application driver programming
2 in the PC that utilizes the button number to determine an action key code in one of the
3 plurality of A/V devices.

1 11. The system of claim 10 wherein the action key code further comprises one of
2 a plurality of DVD and DVR functions.

1 12. A method for remotely controlling a plurality of audio/visual (A/V) devices
2 within a personal computer (PC) utilizing a remote control, the remote control having a
3 plurality of buttons, the method comprising the steps of:

4 (a) providing a data signal based upon activating at least one of the plurality of
5 buttons from the remote control, the at least one button for controlling one of the plurality
6 of A/V devices; and

7 (b) translating the data signal to control one of the plurality of A/V devices.

10 13. The method of claim 12 wherein the data signal translation comprises
11 providing one of a plurality of CD/DVD and TV/DVR functions.

13 14. A computer readable medium containing program instructions for remotely
14 controlling audio/visual (A/V) devices within a personal computer (PC), the program
15 instructions for:

16 mapping each button on a remote control device to predetermined key codes; and
17 translating data signals from a selected button to device functions via the PC
18 based on the key codes to control operations of a plurality of A/V devices coupled to the
19 PC.

20 15. The computer readable medium of claim 14 further comprising utilizing a
21 look-up table to provide associations between the predetermined key codes and the
22 device functions.

1 16. The computer readable medium of claim 15 wherein utilizing a look-up table
2 further comprises providing a button mapping code in the PC.

1 17. The computer readable medium of claim 15 wherein the device functions
2 further comprises a plurality of CD/DVD and TV/DVR functions.

1 18. A method for remotely controlling audio/visual (A/V) devices within a
2 personal computer (PC), the method comprising the steps of:

3 (a) mapping each button on a remote control device to predetermined key codes;
4 and

5 (b) translating data signals from a selected button to device functions via the PC
6 based on the key codes to control operations of a plurality of A/V devices coupled to the
7 PC; and

8 (c) utilizing a look-up table to provide associations between the predetermined
9 key codes and the device functions, wherein a button mapping code is utilized within the
10 PC to provide the look-up table.

1 19. A system for remotely controlling a plurality of audio/visual (A/V) devices within a
2 personal computer (PC), the system comprising:

3 a PC;

4 a tuner box coupled to a graphics board within the PC; and

5 a remote control device with selectable buttons for transmitting data signals
6 wirelessly to the tuner box to access control of the plurality of A/V devices, wherein the
7 graphics board translates the data signals to a button number.

1 20. A computer readable medium for remotely controlling audio/visual (A/V)
2 devices within a personal computer (PC), the method comprising:
3 mapping each button on a remote control device to predetermined key codes;
4 translating data signals from a selected button to device functions via the PC
5 based on the key codes to control operations of a plurality of A/V devices coupled to the
6 PC; and
7 utilizing a look-up table to provide associations between the predetermined key
8 codes and the device functions, wherein a button mapping code is utilized in the PC to
9 provide the look-up table.

10 21. A system for remotely controlling a plurality of audio/visual (A/V) devices
11 within a personal computer (PC), the system comprising:
12 an infrared port receiver;
13 a tuner box coupled to a graphics board within the PC;
14 a remote control device with selectable buttons for transmitting data signals
15 wirelessly to the infrared port receiver to access control of the plurality of A/V devices
16 wherein the graphics board translates the data signals to a button number; and
17 an application driver programming in the PC that utilizes the button number to
18 determine an action key code in one of the plurality of A/V devices.